

Serial No. 09/574,456
Docket No. 7568M
Response date Aug. 29, 2005
Reply to Office Action of April 27, 2005

AMENDMENT TO CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims

Claims 1 - 11 (Canceled).

12. (Currently Amended) An article of manufacture, comprising:
- (a) a filter, including:
 - i) a housing;
 - ii) a filter core disposed within said filter housing consisting essentially of particles selected from the group of activated carbon particles and non-carbonaceous particles; and
 - iii) wherein said carbon particles have an interparticle spacing wherein the filter has a VRI of at least about 99.99% at a flow rate of 100 ml/min. at 1 hour at an influent concentration of 5×10^8 MS-2 bacteriophages per liter; and
 - (b) ~~information printed matter~~ which communicates to a user that the filter may be used to remove nano-sized pathogens from a liquid.
13. (Previously presented) The article of claim 12, wherein said filter has a VRI of at least about 99.999% at a flow rate of 100 ml/min. at 6 hours at an influent concentration of 5×10^8 MS-2 bacteriophages per liter.
14. (Previously presented) The article of claim 12, wherein said filter has a VRI of at least about 99.9999% at a flow rate of 100 ml/min. at 10 hours at an influent concentration of 5×10^8 MS-2 bacteriophages per liter.

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15. (Original) The article of claim 12 wherein the filter comprises activated carbon particles having inter-particle spacings that result in a bulk density of from about 0.6 to 0.8 g/cm³.
16. (Original) The article of Claim 12 wherein a mixture of activated carbon particles of different size and/or shape are utilized.

Claims 17-31 (Canceled).